

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) An emergency lighting device comprising:
_____an illumination lamp for illuminating a surrounding area,
_____an ~~energy storage unit for providing~~ ultra-capacitor that is configured to provide electrical energy for powering to power the lamp,
_____a charging arrangement that is configured to charge the ultra-capacitor for
~~charging the energy storage unit, and control means for activating~~
_____a controller that is configured to activate the lamp and ~~for controlling control~~
the charging arrangement, wherein the ~~energy storage unit essentially comprises an~~
~~ultra-capacitor for storing the electrical energy.~~
2. (Currently amended) The emergency lighting device ~~according to~~ of claim 1,
~~further comprising a test circuit for measuring an~~ including a test unit that is
configured to measure an impedance of the ultra-capacitor ~~in a charged or~~
~~discharged condition of the ultra-capacitor.~~
3. (Currently amended) The emergency lighting device ~~according to~~ of claim 2,
wherein the impedance comprises a leakage impedance.
4. (currently amended) The emergency lighting device ~~according to~~ of claim 2,
wherein the impedance comprises an alternating current impedance, the test circuit
~~for applying is configured to apply~~ an alternating voltage to the ultra-capacitor and
~~measuring measure~~ an alternating current flowing in response thereto through the
ultra-capacitor, ~~or vice versa.~~

5. (Currently amended) The emergency lighting device ~~according to~~of claim 1, wherein the charging arrangement is ~~arranged for applying~~configured to apply an essentially fixed voltage or current to the ultra-capacitor.

6. (Currently amended) The emergency lighting device ~~according to~~of claim 1, wherein the charging arrangement ~~comprises a switching means for alternately connecting a switching node with a supply node and a ground node, a first branch being connected to the charging node, the first branch comprising~~includes:
_____ a series connection of at least a capacitor and an inductive element, the first branch for providing electrical energy to
_____ a rectifier which is connectable that receives energy from the series connection and is coupled to the ultra-capacitor for charging the ultra-capacitor, and
_____ a switching controller that is configured to alternately couple the series connection to a supply voltage.

7. (Currently amended) The emergency lighting device ~~according to~~of claim 6, wherein the inductive element ~~comprises~~includes a transformer, the first branch series connection being connected to the ground node via a first port a first winding of the transformer, a second port and a second winding of the transformer being connected to the rectifier.

8. (Currently amended) The emergency lighting device ~~according to~~of claim 6, the charging arrangement further comprising a charging control device for controlling the charging, the charging control device affecting wherein the switching controller is configured to control a frequency of coupling the series connection to the supply voltage a switching of the switching device for affecting a current in the first branch.

9. (Currently amended) The emergency lighting device ~~according to~~of claim 8, wherein the charging control device is arranged for keeping switching controller is configured to control a duty cycle of the frequency of the ~~switching coupling~~ at an essentially fixed rate.

10. (Currently amended) The emergency lighting device ~~according to~~of claim 6, wherein the ~~control device controller~~ is arranged for sensing configured to sense a voltage of the ultra-capacitor ~~when~~to control the charging of the capacitor ~~has been~~ stopped.

11. (Currently amended) An emergency lighting system comprising a plurality of emergency lighting devices ~~according to~~of claim 1.

12. (New) The emergency lighting device of claim 2, wherein the test unit is configured to measure the impedance of the ultra-capacitor in a charged or discharged condition.

13. (New) The emergency lighting device of claim 2, wherein the charging arrangement includes:

- a series connection of at least a capacitor and an inductive element,
- a rectifier that receives energy from the series connection and is coupled to the ultra-capacitor for charging the ultra-capacitor, and
- a switching controller that is configured to alternately couple the series connection to a supply voltage.

14. (New) The emergency lighting device of claim 13, wherein the switching controller is configured to control a frequency of coupling the series connection to the supply voltage.

15. (New) The emergency lighting device of claim 14, wherein the switching controller is configured to control a duty cycle of the frequency of the coupling at an essentially fixed rate.

16. (New) The emergency lighting device of claim 3, wherein the impedance comprises an alternating current impedance, the test circuit is configured to apply an alternating voltage to the ultra-capacitor and measure an alternating current flowing in response thereto through the ultra-capacitor.

17. (New) The emergency lighting device of claim 16, wherein the charging arrangement is configured to apply an essentially fixed voltage or current to the ultra-capacitor.

18. (New) The emergency lighting device of claim 3, wherein the charging arrangement is configured to apply an essentially fixed voltage or current to the ultra-capacitor.

19. (New) The emergency lighting device of claim 7, wherein the controller is configured to sense a voltage of the ultra-capacitor to control the charging of the capacitor.

20. (New) The emergency lighting device of claim 7, wherein the switching controller is configured to control a duty cycle of the frequency of the coupling at an essentially fixed rate.